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	L2	((@ad<=20020423) and ((adaptive near2 equaliz\$3) and (timing near2 recover\$3) and (rate near3 (convert or adapt\$4))) and (375/355.ccls. or 375/232.ccls. or 375/233.ccls. or 375/340.ccls. or 375/377.ccls. or 375/316.ccls. or 327/298.ccls. or 327/141.ccls. or 327/151.ccls. or 327/156.ccls.))	28
	Ll	5999355.pn.	2

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# PALM INTRANET

Day: Thursday Date: 5/18/2006

Time: 17:55:54

# **Inventor Information for 10/511808**

Inventor Name	City	State/Country	
MODRIE, DAVID	HALLE	NETHERLANDS	
COENE, WILLEM	GELDROP	NETHERLANDS	
Appln Info Contents Petition Inf	o Atty/Agent Info	Continuity Data Foreign Data	
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# **PALM INTRANET**

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### **Inventor Name Search Result**

Your Search was:

Last Name = MODRIE First Name = DAVID

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10495941	Not Issued	30		Adaptive equalizer operating at a sampling rate asynchronous to the data rate	
10511808	Not Issued	77		Interference-free lms-based adaptive asynchronous receiver	MODRIE, DAVID
10515465	Not Issued	25		Semi-synchronous receiver and apparatus for reading information	MODRIE, DAVID

Inventor Search Completed: No Records to Display.

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### **Inventor Name Search Result**

Your Search was:

Last Name = COENE First Name = WILLEM

		[a]	<b>D F D D</b>	m	T A N
Application#	Patent#				Inventor Name
10511808	Not	77		Interference-free lms-based	COENE, WILLEM
	Issued			adaptive asynchronous receiver	
10528939	Not	93		VITERBI BIT DETECTION	COENE, WILLEM
	Issued			METHOD AND DEVICE	
<u>09460940</u>	6356215	250	12/14/1999	DEVICE FOR ENCODING N-	COENE, WILLEM
					M J
				CORRESPONDING M-BIT CHANNEL WORDS AND	
				DECODING M-BIT CHANNEL	
				WORDS INTO	
				CORRESPONDING N-BIT	
				SOURCE WORDS	
09399609	6580766	150	09/20/1999	PARTIAL RESPONSE	COENE, WILLEM
					M. J.
				(PRML) BIT DETECTION	
				APPARATUS	
<u>09535904</u>	6529147	150	03/23/2000	INFORMATION CARRIER,	COENE, WILLEM M. J. M.
				DEVICE FOR ENCODING, METHOD FOR ENCODING,	IVI. J. IVI.
				DEVICE FOR DECODING AND	
				METHOD FOR DECODING	
10175410	6650257	150	06/19/2002	INFORMATION CARRIER,	COENE, WILLEM
				DEVICE FOR ENCODING,	M. J. M.
				METHOD FOR ENCODING,	
				DEVICE FOR DECODING AND	
				METHOD FOR DECODING	
<u>10564536</u>	Not	20	01/12/2006	Method and device for determining	COENE, WILLEM M. J. M.
	Issued			write parameters for recording information on a record carrier	11VI. J. 1VI.
09149092	F 42 02 47	150	11/04/1002	METHOD FOR IMAGE	COENIE WII I EN
<u>08148082</u>	5432347	130			COENE, WILLEM M. J. M.
				HIGH-RESOLUTION	1171. J. 171.
				ELECTRON MICROSCOPE,	
				AND ELECTRON	
l' '	1 I	! !		l l	! !

				MICROSCOPE SUITABLE FOR USE OF SUCH A METHOD	
09469447	6232896	150	12/21/1999	DEVICE FOR ENCODING N-BIT SOURCE WORDS INTO CORRESPONDING M-BIT CHANNEL WORDS AND DECODING M-BIT CHANNEL WORDS INTO CORRESPONDING N-BIT SOURCE WORDS	COENE, WILLEM M.J.
10016168	Not Issued	161	12/10/2001	Device for encoding n-bit source words into corresponding m-bit channel words and decoding m-bit channel words into corresponding n-bit source words.	COENE, WILLEM M.J.
10102358	6535151	150	03/20/2002	DEVICE FOR ENCODING N-BIT SOURCE WORDS INTO CORRESPONDING M-BIT CHANNEL WORDS AND DECODING M-BIT CHANNEL WORDS INTO CORRESPONDING N-BIT SOURCE WORDS	COENE, WILLEM M.J.
10349237	6664905	150	01/22/2003	DEVICE FOR ENCODING N- BIT SOURCE WORDS INTO CORRESPONDING M-BIT CHANNEL WORDS AND DECODING M-BIT CHANNEL WORDS INTO CORRESPONDING N-BIT SOURCE WORDS	COENE, WILLEM M.J.
10403544	7058142	150		GENERATION OF AMPLITUDE LEVELS FOR A PARTIAL RESPONSE MAXIMUM LIKELIHOOD (PRML) BIT DETECTOR	COENE, WILLEM M.J.
10454128	Not Issued	95	II I	PARTIAL RESPONSE MAXIMUM LIKELIHOOD (PRML) BIT DETECTION APPARATUS	COENE, WILLEM M.J.
08617655	5654547	150	03/15/1996	METHOD FOR PARTICLE WAVE RECONSTRUCTION IN A PARTICLE-OPTICAL APPARATUS	COENE, WILLEM M.J.
08637254	5691770	250	04/24/1996	DEVICE AND METHOD FOR CODING VIDEO PICTURES	COENE, WILLEM M.J.
08723652	5753913	150	10/03/1996	METHOD OF	COENE, WILLEM

				RECONSTRUCTING AN IMAGE IN A PARTICLE- OPTICAL APPARATUS	M.J.
08999867	Not Issued	164	04/09/1997	METHOD FOR PARTICLE WAVE RECONSTRUCTION IN A PARTICLE-OPTICAL APPARATUS	COENE, WILLEM M.J.
09371372	6418096	150	08/10/1999	APPARATUS FOR READING AN OPTICAL DATA CARRIER	COENE, WILLEM M.J.
09399600	6587520	150	09/20/1999	GENERATION OF AMPLITUDE LEVELS FOR A PARTIAL RESPONSE MAXIMUM LIKELIHOOD (PRML) BIT DETECTOR	COENE, WILLEM M.J.
09408790	6404355	150	09/30/1999	GENERATION OF A RUNLENGTH LIMITED DIGITAL INFORMATION SIGNAL.	COENE, WILLEM M.J.
<u>09527204</u>	6362754	250	03/16/2000	Method of decoding a stream of channel bits of a signal relating to a binary channel signal into a stream of source bits of a signal relating to a binary source signal	COENE, WILLEM M.J.M.
09753742	6762987	150	01/02/2001	SLICER ARRANGEMENT	COENE, WILLEM MARIE JULIA MARCEL
<u>09757119</u>	6469645	150			COENE, WILLEM MARIE JULIA MARCEL
09806585	6678862	150	03/30/2001	DETECTION APPARATUS	COENE, WILLEM MARIE JULIA MARCEL
09817095	Not Issued	161	03/26/2001	bits of a binary source signal into a	COENE, WILLEM MARIE JULIA MARCEL
09853185	6486804	150	05/10/2001	METHOD OF CONVERTING A	COENE, WILLEM

		:			MARIE JULIA MARCEL
09860308	6731699	150	05/18/2001	DETECTOR, REPRODUCTION SYSTEM, RECEIVER AND METHOD	COENE, WILLEM MARIE JULIA MARCEL
09897331	Not Issued	95	07/02/2001		COENE, WILLEM MARIE JULIA MARCEL
09929055	6654332	150	08/14/2001		COENE, WILLEM MARIE JULIA MARCEL
09929265	7038600	150	08/14/2001	METHOD AND DEVICE FOR ADDING OR EXTRACTING A SECONDARY INFORMATION SIGNAL TO/FROM A RLL CODE SEQUENCE	COENE, WILLEM MARIE JULIA MARCEL
09933791	Not Issued	41	08/21/2001	Method of storing or decoding a stream of bits	COENE, WILLEM MARIE JULIA MARCEL
09969002	6980606	150	10/02/2001	DEVICE FOR RECONSTRUCTING A RUNLENGTH CONSTRAINED SEQUENCE	COENE, WILLEM MARIE JULIA MARCEL
10113043	Not Issued	121	04/01/2002	Methods and devices for converting as well as decoding a stream of data bits, signal and record carrier	COENE, WILLEM MARIE JULIA MARCEL
10122665	Not Issued	30	04/15/2002	Method and device for encoding information words, method and device for decoding information words, storage medium and signal	COENE, WILLEM MARIE JULIA MARCEL
10140508	Not	41	05/07/2002	Signal processor and apparatus for	COENE, WILLEM

* Andrews	Issued			reproducing information	MARIE JULIA MARCEL
10233458	6639525	150	09/03/2002		COENE, WILLEM MARIE JULIA MARCEL
10480112	Not Issued	41	12/09/2003		COENE, WILLEM MARIE JULIA MARCEL
10492378	Not Issued	30	04/12/2004	Multi-dimensional coding on quasi-close packed lattices	COENE, WILLEM MARIE JULIA MARCEL
10492379	Not Issued	20	04/12/2004	Multi-dimensional coding on quasi-close-packet lattices	COENE, WILLEM MARIE JULIA MARCEL
10509233	Not Issued	41	09/24/2004	Writing scheme for an optical recording medium	COENE, WILLEM MARIE JULIA MARCEL
10511216	Not Issued	93	10/13/2004		COENE, WILLEM MARIE JULIA MARCEL
10512117	Not Issued	93	10/21/2004	FOR MULTI-DIMENSIONALLY	COENE, WILLEM MARIE JULIA MARCEL
10528677	Not Issued	30	03/21/2005	Optical scanning device	COENE, WILLEM MARIE JULIA MARCEL
10529689	Not Issued	20	03/29/2005		COENE, WILLEM MARIE JULIA MARCEL
10537880	Not Issued	20	06/07/2005	Bit detector having partitioned photo detector	COENE, WILLEM MARIE JULIA MARCEL
10540688	Not Issued	25	06/24/2005	Coding system	COENE, WILLEM MARIE JULIA MARCEL
10549235	Not	20	09/12/2005	Optical scanning device	COENE, WILLEM

	Issued		it i	MARIE JULIA MARCEL
10556119	Not Issued	19	symbol detection method and	COENE, WILLEM MARIE JULIA MARCEL
<u>10564386</u>	Not Issued	19	J 1	COENE, WILLEM MARIE JULIA MARCEL

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1. Timing Recovery for Equalized Partial-Response Systems

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Volume 24, Issue 12, Dec 1976 Page(s):1326 - 1331

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2. Timing Recovery in Synchronous Equalized Data Communication

Lyon, D.;

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3. Passband Timing Recovery in an All-Digital Modem Receiver

Godard, D.;

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Volume 26, Issue 5, May 1978 Page(s):517 - 523

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4. Carrier Recovery for Data Communication Systems with Adaptive Equaliz

Chang, R.; Srinivasagopalan, R.;

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5. Performance Comparisons Among Digital Radio Techniques Subjected to

Greenstein, L.; Czekaj-Augun, B.;

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6. Multipath Outage Performance of Digital Radio Receivers Using Finite-Ta

**Equalizers** ... Amitay, N.; Greenstein, L.; Communications, IEEE Transactions on [legacy, pre - 1988] Volume 32, Issue 5, May 1984 Page(s):597 - 608 AbstractPlus | Full Text: PDF(984 KB) IEEE JNL Rights and Permissions 7. Further Results on Adaptive Equalizer Improvements for 16 QAM and 64 ( **3** Radio Shafi, M.; Moore, D.; Communications, IEEE Transactions on fledacy, pre - 19881 Volume 34, Issue 1, Jan 1986 Page(s):59 - 66 AbstractPlus | Full Text: PDF(752 KB) IEEE JNE Rights and Permissions 8. Advanced Time- and Frequency-Domain Adaptive Equalization in Multilev • **Radio Systems** Sebald, G.; Lankl, B.; Nossek, J.; Selected Areas in Communications, IEEE Journal on Volume 5, Issue 3, April 1987 Page(s):448 - 456 AbstractPlus | Full Text: PDF(776 KB) IEEE JNL Rights and Permissions 9. Implementation of PRML in a rigid disk drive **~** Coker, J.D.; Galbraith, R.L.; Kerwin, G.J.; Rae, J.W.; Ziperovich, P.A.; Magnetics, IEEE Transactions on Volume 27, Issue 6, Part 2, Nov 1991 Page(s):4538 - 4543 Digital Object Identifier 10.1109/20.278677 AbstractPlus | Full Text: PDF(540 KB) | IEEE JNL Rights and Permissions 10. A PRML system for digital magnetic recording £ Cideciyan, R.D.; Dolivo, F.; Hermann, R.; Hirt, W.; Schott, W.; Selected Areas in Communications, IEEE Journal on Volume 10, Issue 1, Jan. 1992 Page(s):38 - 56 Digital Object Identifier 10.1109/49.124468 AbstractPlus | Full Text: PDF(1592 KB) IEEE JNL Rights and Permissions 11. Equalization of a hard-limited slowly-fading multipath signal using a pha: • time-reversal structure Ariyavisitakul, S.; Selected Areas in Communications, IEEE Journal on Volume 10, Issue 3, April 1992 Page(s):589 - 598 Digital Object Identifier 10.1109/49.127781 AbstractPlus | Full Text: PDF(844 KB) IEEE JNL Rights and Permissions 12. Simulation and implementation of US QAM-based HDTV channel decode: • Liu, T.; Jaffe, S.; Downey, D.; Patel, C.B.; Yang, J.; Roy, S.; Consumer Electronics, IEEE Transactions on Volume 39, Issue 3, Aug. 1993 Page(s):676 - 683 Digital Object Identifier 10.1109/30.234651 AbstractPlus | Full Text: PDF(564 KB) IEEE JNL Rights and Permissions

Bryan, D.A.;

13. QAM for terrestrial and cable transmission

Consumer Electronics, IEEE Transactions on

Volume 41, Issue 3, Aug. 1995 Page(s):383 - 391 Digital Object Identifier 10.1109/30.468056

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#### 14. Performance evaluation of baseband OOK for wireless indoor infrared LA **...** 100 Mb/s

Audeh, M.D.; Kahn, J.M.;

Communications, IEEE Transactions on

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Digital Object Identifier 10.1109/26.387449

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#### 15. A CMOS transceiver for 10-Mb/s and 100-Mb/s Ethernet **1**

Everitt, J.; Parker, J.F.; Hurst, P.; Nack, D.; Rao Konda, K.;

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Volume 33, Issue 12, Dec. 1998 Page(s):2169 - 2177

Digital Object Identifier 10.1109/4.735701

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#### 16. A 70-Mb/s variable-rate 1024-QAM cable receiver IC with integrated 10-b / \*\*\* decoder

Loke Kun Tan; Putnam, J.S.; Fang Lu; D'Luna, L.J.; Mueller, D.W.; Kindsfater,

K.B.; Joshi, R.B.; Hawley, R.A.; Samueli, H.;

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#### 17. Filtered multitone modulation for very high-speed digital subscriber lines **....**

Cherubini, G.; Eleftheriou, E.; Olcer, S.;

Selected Areas in Communications, IEEE Journal on

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#### 18. Novel digital signal processing unit for Ethernet receiver **\*\*\***

Jaehyun Baek; Juhyung Hong; Myung Hoon Sunwoo;

Circuits and Systems, 2005, ISCAS 2005, IEEE International Symposium on

23-26 May 2005 Page(s):4477 - 4480 Vol. 5

Digital Object Identifier 10.1109/ISCAS.2005.1465626

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#### 19. Viterbi decoder aided equalization and sampling clock tracking for OFDN

Hyung-Woo Kim; Chae-Hyun Lim; Dong-Seog Han;

Vehicular Technology Conference, 2004. VTC2004-Fall. 2004 IEEE 60th

Volume 5, 26-29 Sept. 2004 Page(s):3738 - 3742 Vol. 5

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#### **....** 20. Efficient digital baseline wander algorithm and its architecture for fast Et

Baek, J.H.; Hong, J.H.; Sunwoo, M.H.; Kim, K.U.;

Signal Processing Systems, 2004, SIPS 2004, IEEE Workshop on

2004 Page(s):136 - 141
Digital Object Identifier 10.1109/SIPS.2004.1363038
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## 21. A hardware efficient 64-QAM low-IF transceiver baseband for broadband communications

Ching-Chi Chang; Muh-Tian Shiue; Chorng-Kuang Wang; Advanced System Integrated Circuits 2004, Proceedings of 2004 IEEE Asia-P. on

4-5 Aug. 2004 Page(s):252 - 255

Digital Object Identifier 10.1109/APASIC.2004.1349463

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22. A 3.125Gbps timing and data recovery front-end with adaptive equalization Le, M.Q.; Van Engelen, J.; Hui Wang; Madisetti, A.; Baumer, H.; Buchwald, A.

VLSI Circuits, 2004, Digest of Technical Papers, 2004 Symposium on

17-19 June 2004 Page(s):344 - 347

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#### 23. Burst receiver for upstream communications over twisted pair lines

Paek, A.W.; Besbes, H.; Yu Zhang; Burk, T.; Asghar, S.; Milbrandt, C.; Webb, Circuits and Systems, 2004. ISCAS '04. Proceedings of the 2004 International Volume 4, 23-26 May 2004 Page(s):IV - 449-52 Vol.4

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# 24. Baud rate timing recovery and slicer threshold estimation for the adaptiv compensation of fiber optical channels

Coskun, O.; Chugg, K.M.;

Signals, Systems and Computers, 2003, Conference Record of the Thirty-Sevi Conference on

Volume 1, 9-12 Nov. 2003 Page(s):27 - 31 Vol.1

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### 25. Adaptive multichannel super-exponential blind equalization of underwate channels

Weber, R.; Schulz, F.; Waldhorst, A.; Bohme, J.F.;

Oceans '02 MTS/IEEE

Volume 4, 29-31 Oct. 2002 Page(s):2429 - 2437 vol.4

Digital Object Identifier 10.1109/OCEANS.2002.1192008

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26. Analysis of equalizer-based baud-spaced timing recovery for digital subs systems

Haar, S.; Daecke, D.; Zukunft, R.; Vogelbruch, F.;

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Volume 1, 3-6 Nov. 2002 Page(s):403 - 407 vol.1 Digital Object Identifier 10.1109/ACSSC.2002.1197215

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27. Blind adaptive equalization of underwater acoustic channels using secor statistics

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Oceans '02 MTS/IEEE

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28. A blind multichannel DFE receiver for precoded OQPSK signal transmiss **\*\*\*** 

Waldhorst, A.; Weber, R.; Bohme, J.F.;

OCEANS, 2001. MTS/IEEE Conference and Exhibition

Volume 4, 5-8 Nov. 2001 Page(s):2209 - 2215 vol.4

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29. Blind receivers for MSK signals transmitted through shallow water

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30. Experimental evaluation of voiceband fractionally-spaced blind equalizer

constant modulus algorithm

Kaya, M.; Cockburn, B.F.;

Electrical and Computer Engineering, 2000 Canadian Conference on

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### 31. Performances of VSB and QAM-concepts for digital terrestrial TV transm

Gaschler, D.; Kraus, U.E.;

Devices, Circuits and Systems, 1998. Proceedings of the 1998 Second IEEE I

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2-4 March 1998 Page(s):194 - 200

Digital Object Identifier 10.1109/ICCDCS.1998.705832

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## 32. Convergence analyses of timing and carrier recovery loops for a digital c channel with an adaptive equalizer

Ki Tack Bae; Won Gi Jeon; Yong Soo Cho;

Circuits and Systems, 1997, Proceedings of the 40th Midwest Symposium on

Volume 2, 3-6 Aug. 1997 Page(s):1366 - 1369 vol.2

Digital Object Identifier 10.1109/MWSCAS.1997.662336

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## 33. Convergence analysis of a PLL for a digital recording channel with an ad response equalizer

Dae Sun Oh; Won Gi Jeon; Yong Soo Cho; Hyung Woon Park; Ki Ho Kim; Global Telecommunications Conference, 1996. GLOBECOM '96. 'Communica Global Prosperity

Volume 2, 18-22 Nov. 1996 Page(s):979 - 983 vol.2

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## 34. An analog front end for full-duplex digital transceivers working on twiste Agazzi, O.; Adan, A.;

Custom Integrated Circuits Conference, 1988. Proceedings of the IEEE 1988

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